

Abstract of the Disclosure

The present invention provides an audio information transforming method, a program product, a device, an encoder, and an video/audio format utilized therein, which are capable of providing an audio information by adjusting the Doppler effect caused by movement of the object, in response to change of the listening point. In the invention, a virtual listening point is set at a position different from a basic listening point where a listener listens to a sound of an object, then a velocity of the object observed from the virtual listening point is calculated based on position information of the virtual listening point and position information of the object. Then, an audio frequency of an audio heard at the virtual listening point is changed based on the calculated velocity. For example, the frequency of the sound is increased if the object approaches the virtual listening point, and the frequency is decreased if opposite.